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PATENT

INSTITUT FRANÇAIS DU PÉTROLE

PROCESS FOR PRODUCING OILS WITH A HIGH VISCOSITY INDEX

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A B S T R A C T

A process for producing oils with high viscosity indices from oil distillates or effluents from
10 a conversion unit comprises the following steps:

- a) catalytic hydrotreatment of the feed in the presence of hydrogen and a non zeolitic catalyst;
- b) fractionation of at least a portion of the effluent from step a) or step d) described below to an
oil residue;
- c) fractionation by thermal diffusion of at least a portion of the oil residue obtained from step b)
into oil fractions with different compositions and viscosity indices.

Step b) can be preceded by a step d) for hydrocracking the effluent obtained from step a) in
the presence of hydrogen and a zeolitic catalyst.

Figure 1 to be published.

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